#### (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

# (19) World Intellectual Property Organization International Bureau





(43) International Publication Date 14 October 2004 (14.10.2004)

**PCT** 

## (10) International Publication Number WO 2004/088640 A3

(51) International Patent Classification7:

G06F 17/60

(21) International Application Number:

PCT/IL2004/000292

(22) International Filing Date: 30 March 2004 (30.03.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

155176

31 March 2003 (31.03.2003) I

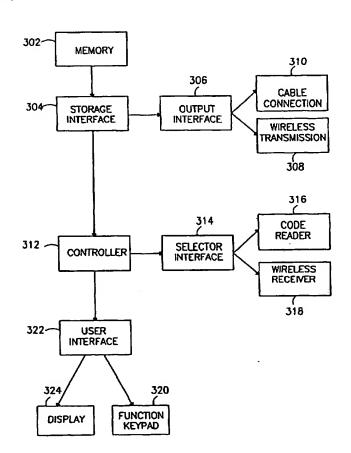
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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR,

[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR RECORDING IDENTITIES OF SELECTED ITEMS



(57) Abstract: A portable selection (102) device for selectively recording entry of information corresponding to an identity of a selected item. The device (102) may also include a selection interface to enter the items.

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GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

#### Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report: 10 February 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

#### INTERNATIONAL SEARCH REPORT

International application No.
PCT/IL04/00292

A. CLASSIFICATION OF SUBJECT MATTER				
IPC(7) : G 06 F 17/60				
US CL : 705/16, 16, 18				
According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols)				
U.S. : 705/16, 16, 18				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
				Relevant to claim No.
Category *	US 6,068,188 A (KNOWLES) 30 May 2000 (30.05.2000), see entire document.			1-23
×	X US 6,068,188 A (KNOWLES) 30 May 2000 (30.05.2000), see entire document.			
v	X US 5,841,116 A (LEWIS) 24 November 1998 (24.11.1998), see entire document.			1-23
X US 5,841,116 A (LEWIS) 24 November 1998 (24.11.19		1,,0,,000 0		
X US 5,640,002 A (RUPPERT et al) 17 June 1997 (17.0		6.1997), see entire document.		1-23
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priority date claimed				
Date of the actual completion of the international search		Date of mailing of the international search report		
		28 DEC 2004		
20 December 2004 (20.12.2004) Name and mailing address of the ISA/US		Authorized officer 2004		
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